

§ 401.7

which the bulbous bow projects beyond the stem.

(68 Stat. 93-96, 33 U.S.C. 981-990, as amended and secs. 4, 5, 6, 7, 8, 12 and 13 of sec. 2 of Pub. L. 95-474, 92 Stat. 1471)

[47 FR 51121, Nov. 12, 1982, as amended at 61 FR 19551, May 2, 1996; 70 FR 12970, Mar. 17, 2005]

§ 401.7 Fenders.

(a) Where any structural part of a vessel protrudes so as to endanger Seaway installations, the vessel shall be equipped with only horizontal permanent fenders—

(1) That are made of steel, hardwood, or teflon or a combination of two or all of these materials, are of a thickness not exceeding 15 centimeters, with well tapered ends, and are located along the hull, close to the main deck level; and

(2) On special application, portable fenders, other than rope hawsers, may be allowed for a single transit if the portable fenders are—

(i) Made of a material that will float; and

(ii) Securely fastened and suspended from the vessel in a horizontal position by a steel cable or a fiber rope in such a way that they can be raised or lowered in a manner that does not damage Seaway installations.

(b) Tires shall not be used as fenders.

(c) On special application, ships of unusual design may be permitted to utilize temporary or permanent fenders not greater than 30 cm in thickness.

[61 FR 19551, May 2, 1996, as amended at 70 FR 12970, Mar. 17, 2005; 74 FR 18994, Apr. 27, 2009]

§ 401.8 Landing booms.

(a) Vessels of more than 50 m in overall length shall be equipped with at least one adequate landing boom on each side.

(b) Vessels' crews shall be adequately trained in the use of landing booms.

(c) Vessels not equipped with or not using landing booms must use the Seaway's tie-up service at approach walls using synthetic mooring lines only. Maximum of 4 lines will be handled by

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Seaway personnel and the service does not include let go service.

[70 FR 12970, Mar. 17, 2005, as amended at 72 FR 2620, Jan. 22, 2007; 74 FR 18994, Apr. 27, 2009; 76 FR 13089, Mar. 10, 2011]

§ 401.9 Radio telephone and navigation equipment.

(a) Self-propelled vessels, other than pleasure craft of less than 20.0 m in overall length, shall be equipped with VHF (very high frequency) radio-telephone equipment.

(b) The radio transmitters on a vessel shall:

(1) Have sufficient power output to enable the vessel to communicate with Seaway stations from a distance of 48 km; and

(2) Be fitted to operate from the conning position in the wheelhouse and to communicate on channels 11, 12, 13, 14, 17 and 66a.

(c) Gyro compass error greater than 2 degrees must be serviced prior to transiting the Seaway, and if noted during a Seaway transit, it must be reported to the nearest Seaway station and the gyro compass must be serviced at the first opportunity.

(d) When magnetic compass error is greater than 5 degrees, the vessel is required to have the compass swung and a new deviation card produced, unless the "record of deviations" has been properly maintained and verified.

(68 Stat. 93-96, 33 U.S.C. 981-990, as amended and secs. 4, 5, 6, 7, 8, 12 and 13 of sec. 2 of Pub. L. 95-474, 92 Stat. 1471)

[39 FR 10900, Mar. 22, 1974, as amended at 40 FR 11721, Mar. 13, 1975; 47 FR 51121, Nov. 12, 1982; 48 FR 20690, May 9, 1983; 61 FR 19551, May 2, 1996; 70 FR 12970, Mar. 17, 2005; 79 FR 12659, Mar. 6, 2014]

§ 401.10 Mooring lines.

(a) Mooring lines shall:

(1) Be of a uniform thickness throughout their length;

(2) Have a diameter not greater than 28 mm for wire line and not greater than 64 mm for approved synthetic lines;

(3) Be fitted with a hand spliced eye or Flemish type mechanical spliced eye of not less than 2.4 m long for wire lines and 1.8 m long spliced eye for approved synthetic lines;